

À des fins de recherche uniquement

# Anticorps Monoclonal anti-CD45R (B220)



Numéro de catalogue: **CL594-65139**

## Informations de base

Numéro de catalogue:

CL594-65139

Taille:

100ug, 0.5 mg/ml

Hôte:

Rat

Isotype:

IgG2a, kappa

Numéro d'acquisition GenBank:

BC028512

Identification du gène (NCBI):

19264

Nom complet:

protein tyrosine phosphatase,  
receptor type, C

Méthode de purification:

Purification par affinité

CloneNo.:

RA3-6B2

Excitation/Emission maxima  
wavelengths:

588 nm / 604 nm

## Applications

Applications testées:

FC

Spécificité de l'espèce:

Humain, souris

## Informations générales

CD45, also known as protein tyrosine phosphatase, receptor type C, is a type I transmembrane protein expressed on the surface of all haematopoietic cells with the exception of erythrocytes and platelets (PMID: 3489673; 28615666). CD45 is a pan-haematopoietic cell marker and has been shown to be essential for T- and B-cell activation and signalling (PMID: 9429890; 16378097). CD45R (B220) is an isoform of CD45, expressed on murine B-lineage cells (except for plasma cells) and on a small sub-population of T cells (PMID: 6975314; 15712182). It is commonly used as a pan B-cell marker in mice. CD45R is also expressed on activated T cells and NK cell subsets (PMID: 7514808; 17923504). The RA3-6B2 clone reacts with human and mouse CD45R.

## Stockage

Stockage:

Store at 2-8°C. Avoid exposure to light. Stable for one year after shipment.

Tampon de stockage:

PBS with 0.09% sodium azide.

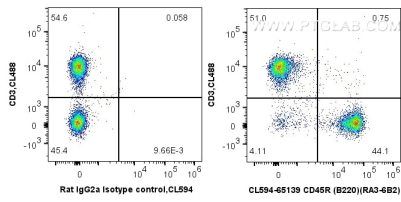
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## Données de validation sélectionnées



1X10<sup>6</sup> mouse splenocytes were surface co-stained with CoraLite® Plus 488 Anti-Mouse CD3 and 0.5 ug CoraLite®594 Anti-Mouse CD45R (B220) (CL594-65139, Clone: RA3-6B2) or 0.5 ug Isotype Control. Cells were not fixed.